TEMATICA

1. Nanomateriale pe bază de carbon pentru aplicații în procese de mediu

Bibliografie:

1. C. D. Nenitescu, Chimie organică Vol I și II, Ed. Didactică și Pedagogică, București, 1980
2. Cravotto, Giancarlo and Carnaroglio, Diego. Microwave Chemistry, Berlin, Boston: De Gruyter, 2017.
3. F. Manea, Electrochemical Techniques for Characterization and Detection Application of Nanostructured Carbon Composite, In: Modern Electrochemical Methods in Nano, Surface and Corrosion Science, IntechOpen, London, 2014, Mahmood Aliofkhazraei, Chapter 2, Doi: 10.5772/58633, https://doi.org/10.5772/58633 .
4. Popa A., Motoc S., Manea F., 2022, Carbon nanomaterials-based sensors for water treatment, Manjunatha J.G., Hussain C.M. (Eds.), In: Carbon Nanomaterials-Based Sensors, Emerging Research Trends in Devices and Applications, Elsevier, ISBN 9780323911740, 443 book pages, Chapter 9, pp. 125-148, https://doi.org/10.1016/C2020-0-04501-9 .

TOPIC

1. Carbon-based nanomaterials for applications in environmental processes

Bibliography:

1. C. D. Nenitescu, Chimie organică Vol I și II, Ed. Didactică și Pedagogică, București, 1980
2. Cravotto, Giancarlo and Carnaroglio, Diego. Microwave Chemistry, Berlin, Boston: De Gruyter, 2017.
3. F. Manea, Electrochemical Techniques for Characterization and Detection Application of Nanostructured Carbon Composite, In: Modern Electrochemical Methods in Nano, Surface and Corrosion Science, IntechOpen, London, 2014, Mahmood Aliofkhazraei, Chapter 2, Doi: 10.5772/58633, https://doi.org/10.5772/58633 .
4. Popa A., Motoc S., Manea F., 2022, Carbon nanomaterials-based sensors for water treatment, Manjunatha J.G., Hussain C.M. (Eds.), In: Carbon Nanomaterials-Based Sensors, Emerging Research Trends in Devices and Applications, Elsevier, ISBN 9780323911740, 443 book pages, Chapter 9, pp. 125-148, https://doi.org/10.1016/C2020-0-04501-9 .